

ECS Configuration Change Request

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1. Originator Abdulnadir M. Shash	2. Log Date: 05/22/03	3. CCR #: 02-0816	4. Rev: A	5. Tel: 301-925-0832	6. Rm #: 2009k	7. Dept. DEV/CO
8. CCR Title: Patch_6A.06_INGEST.04 for GSFC						
9. Originator Signature/Date Abdulnadir M. Shash /s/ 5/22/03			10. Class II	11. Type: CCR	12. Need Date: 21May03	
13. Office Manager Signature/Date Louis Swentek /s/ 5/21/03			14. Category of Change: Initial ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 27). Emergency	
16. Documentation/Drawings Impacted:			17. Schedule Impact:	18. CI(s) Affected:SDSRV/ESDT/INGEST		
19. Release Affected by this Change: 6A		20. Date due to Customer: 21May03		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: 35011, 35028						
23. Problem: (use additional Sheets if necessary) Need to create new version 2 of REYNSST ESDT because of CSDT change from ASCII to IEEE binary. Also, NCEP has switched over to a new version of the Reynolds SST weekly product (REYNSST) which involves format changes. Ingest needs to add code to support the new format. NCR Summary St=C, Sv=5, Bug id = ECSed35011, Subsystem = OPS_SDSRV_ESDT St=V, Sv=5, Bug id = ECSed35028, Subsystem = OPS_INGST						
24. Proposed Solution: (use additional sheets if necessary) Provide as Patch_6A.06_INGEST.04 This patch is currently being transmitted to LaRC in response to Ticket-ID: SMC000000005733/LRC000000005976. Original CCR 02-0816 requested GSFC delivery only. CCR to revised to 02-0816A to include LaRC.						
25. Alternate Solution: (use additional sheets if necessary) Delay testing by science teams; wait until next full system delivery						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) Delays in ability to ingest REYNSST version 002 data.						
27. Justification for Emergency (If Block 15 is "Emergency"): Need to provide the capability to handle new REYNSST Version 002 data before public release of the data on October 15.						
28. Site(s) Affected: <input type="checkbox"/> EDF <input type="checkbox"/> PVC <input type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date): Mary S. Armstrong /s/ 05/21/03		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
33. M&O CCB Chair (Sign/Date): Debra Stepp /s/ 05/21/03		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
34. ECS CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS				

ADDITIONAL SHEET

CCR #: 02-0816

Rev: A Originator: Abdulnasir Shash

Telephone: 301-925-0832

Office: 2009k

Title of Change: Patch_6A.06_INGEST.04 for LaRC

PATCH DEPENDENCIES:

This patch MUST be installed on top of Patch_6A06_EOC.01A.

Clearcase:

Build IRIX65 tar file from 6A.06 baseline for the following file:

/ecs/formal/ESDT/Ea/DsESDTEaREYNSST.002.desc

Also, build IRIX65 tar file from 6A.06 baseline for the following package:

.EcInDatabase.pkg

Also, build another IRIX65 tar file from 6A.06 baseline for the following file:

/ecs/formal/INGEST/bin/irix65/EcInGran

Please name the tarfile Patch_6A.06_INGEST.04

DAAC Install Instructions:

A. PreInstallation:

1. Create a staging area with an IRIX65 subdirectory. Copy all delivered files to this subdirectory.
2. Untar the file Patch_6A.06_INGEST.04_Sep-12-2002_6A06_irix65_20020912_172104.tar in
/<staging_area>/IRIX65
3. Untar Patch_6A.06_INGEST.04_Sep-12-2002_6A06_irix65_20020912_165500.tar IRIX65 (irix65) tar file in
/<staging_area>/IRIX65
4. Run the setup script in the directory /<staging_area>/IRIX65/
5. cd /<staging_area>/IRIX65/CUSTOM/dbms/INS directory
6. chmod 775 *

B. Installation:

To install ESDT descriptor file:

1. Logon to the sdsrv host
2. cd /usr/ecs/<MODE>/CUSTOM/data/ESS/
3. cp -p <staging_area>/IRIX65/<descriptor file name> .
4. chmod 644 <descriptor file name>

Note : This ESDT is a new ESDT, therefore it needs to be installed.

5. To install (update) the ESDT descriptors, use the Science Data Server GUI.
6. Using the STMGIT GUI add a new Volume Group as well for the ESDT.

To install the Binary (EcInGran):

1. Log on to INGEST server platform
2. Kill all the Ingest Servers and the Polling client which will be used to ingest the REYNSST data.
3. cd /usr/ecs/<mode>/CUSTOM/bin/INS

4. cp /<staging_area>/IRIX65/EclnGran .
5. chmod 755 EclnGran
6. Do not restart the servers or Polling until the database is updated.

C: Database Update

To Install Ingest Database patch:

1. Login to the INGEST host
2. Bring up EcsAssist SubSystem Manager to install .EclnDatabase.pkg

once the install is complete:

3. Select the .dbparms file and on the Configurable Database Parameters window verify that your DAAC name is correct and that the PATCH number is 6317.
4. Enter the DBO ID, Password, SQLServer Name and Database Name.
5. Update the INGEST database with the 6317 patch (Patches 6207 through 6215 will already have been installed from previous patches or TEs):

Patch Number	Patch Description
6207	This is the database patch for Sony DTF INGEST capability. (This patch was installed with Patch_6A.06_INGEST.01A)
6309	This is the database patch for NCR 34246. (This patch was installed with Patch_6A.06_INGEST.01A)
6311	This patch adds column MediaID to the Ingest tables InRequestProcessHeader and InRequestSummaryHeader. (This patch was installed with Patch_6A.06_INGEST.01A)
6313	Updates the InRPHDelCompReq store procedure. (This patch was installed with Patch_6A.06_INGEST.01A)
6315	In order to prevent deadlocks from occurring, modified two indexes in the InRequestProcessHeader and dropped an index from the InRequestProcessData tables. (This patch was installed with Patch_6A06_EOC.01)
6317	This patch adds a VersionID 002 Ingest DataType(REYNSST). The changes will be reflect across4 tables for Ingest (InSourceMCF, InFileTypeTemplate, InDataTypeTemplate and InCurrentDataTypeMap)

A log will be put in the /usr/ecs/<MODE>/CUSTOM/logs directory

D. Post Installation:

1. Restart the Ingest server